Please type a plus sign (+) inside this box————————————————————————————————————		PTO/SB/05 (03-01) Approved for use through 10/31/2002. OMB 0651-0032 nd Trademark Office; U.S. DEPARTMENT OF COMMERCE
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	Attorney Docket No.	325772034300

UTILITY
PATENT APPLICATION
TRANSMITTAL

UTILITY	First Inventor Narutaka Y				OSHIDA			
PATENT APPLICATION		<u> </u>						
TRANSMITTAL	Title	IMAGE	FORMING	G APPAF	RATUS			
(Only for new nonprovisional applications under 37 CFR 1.53(b))								
	<i>Expre</i>	ss Mail Lal	pel No.		 			
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application con	AE	DDRESS T	Comr O: 2011 Room	Patent Applic nissioner for South Clark 1B03, Crys ton, Virginia	Patents Place tal Plaza 2			
1. X Fee Transmittal Form (e.g., PTO/SB/17)		7.	CD-ROM or C	D-R in duplic	ate, large tabl			
(Submit an original, and a duplicate for fee processing) Applicant claims small entity status.		Computer Program (Appendix) Nucleotide and/or Amino Acid Sequence Submission						
See 37 CFR 1.27.	 .	(if a	pplicable, all ne	ecessary)	·			
3. X Specification (Total Pages 33	31	a	Computer R	Readable For	n (CRF)			
(preferred arrangement set forth below) - Descriptive title of the invention		b. S	pecification Se	equence Listin	g on:			
 Cross Reference to Related Applications Statement Regarding Fed sponsored R & D 			i CD-F	ROM or CD-R	(2 copies); or	ii. paper		
 Reference to sequence listing, a table, or a computer program listing appendix 		с.	Statements	verifying ider	tity of above	copies		
Background of the Invention Brief Summary of the Invention			ACCOMPA	ANYING AP	PLICATION	S PARTS		
Brief Description of the Drawings (if filed) Detailed Description		9. X	Assignment P	apers (cover	sheet & docur	ment(s))		
Claim(s) Abstract of the Disclosure		10.	37 CFR 3.73(. \square	Power of		
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 6	3 1	11.	(when there is English Trans	•		Attomey ble)		
	<u>,</u>	12. X	Information Di	isclosure	Cop	ies of IDS		
a. X Newly executed (original or copy)		13.	Statement (ID Preliminary Ar	•				
Copy from a prior application (37 CFR 1.63(d))		14. Return Receipt Postcard (MPEP 503)						
(for continuation/divisional with Box 18 completed)		(Should be specifically itemized)						
i. DELETION OF INVENTOR(S) Signed statement attached deleting		(if foreign priority is claimed)						
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.						
		17.	Other:					
6. X Application Data Sheet. See 37 CFR 1.76								
 If a CONTINUING APPLICATION, check appropriate box, and Data Sheet under 37 CFR 1.76: 	supply the	requisite info	mation below and	d in a prelimina	y amendment, o	or in an Application		
Continuation Divisional Continuation	-in-part ((CIP) of pri	ior application I	No.:	-			
Prior application information: Examiner		•	· Group / A	Art Unit:				
For CONTINUATION or DIVISIONAL APPS only: The entire of	disclosur	e of the prio	— r application, fr	rom which an	oath or decla	ration is supplied		
under Box 5b, is considered a part of the disclosure of the accorderence. The incorporation can only be relied upon when a poly	mpanying	g continuati s been inadv	on or divisiona ertently omitte	al application ed from the su	and is hereby bmitted applic	incorporated by		
			ADDRESS					
			_					
X Customer Number or Bar Code Label	ソ	522		or	Correspond	fence address below		
			•					
Name Barry E. Bretschneider				_				
1650 Tysons Boulevard, Suite	1650 Tysons Bouleyard, Suite 300							
Aduless								
City McLean State	VA		Zip Code	1				
Country Tele	phone	(703) 7	60-7743	F	× (703)	760-7777		
Name (Print/Type) Barry E. Bretschpeider	tomey/Agent)	28,05	5					
Signature / Mefretile			Date	February	9, 2004			

Name (Print/Type)	Barry E. Bretschneider	Registration No. (Attorney/Agent)	28,055
Signature	Philphatile	Date	February 9, 2004
		_	

I hereby certify that this correspondence is being hand delivered to: Commissioner for Patents, 2011 South Clark Place, Room 1803, Crystal Plaza 2, Arlington, Virginia, 22202, or the date shown below.

Dated: February 9, 2004 Signature (Washington, Crystal Plaza) (Ayisha M. Roberts)

PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032

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F	EE T	RAI	NSN	TIL	FAL
	fo	r F	/ 20	03	

Not Yet Assigned Application Number February 9, 2004 Filing Date First Named Inventor Narutaka YOSHIDA Patent fees are subject to annual revision. Not Yet Assigned **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 Not Yet Assigned Group Art Unit

TOTAL AMOUNT OF PAYMENT (\$) 810.00		Attorney Docket No. 325772034300					
METHOD OF PAYMENT (check all that apply)	1			FEE	CALCU	LATION (continued)	
Check Credit Money Other None	3. A	ADDITIO	ONAL	FEES			
X Deposit Account	1.						
Deposit Account 03-1952	Fee	e Entity Fee	Small	Entity	-		
Number U3-1932	Code		Code	(\$)		Fee Description	Fee Paid
Deposit Account Morrison & Foerster LLP	1051	130	2051	65	_	e - late filing fee or oath	
Name The Commissioner is hereby authorized to: (check all that apply)	1052	50	2052	25	Surcharge sheet.	e – late provisional filing fee or cover	
Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-Engli	sh specification	
X Charge any additional fee(s) during the pendency of this application	1812	2,520	1812	2,520	For filing a	request for ex parte reexamination	
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920°	Examiner	g publication of SIR prior to action	
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requestir Examiner	g publication of SIR after action	
FEE CALCULATION	1251	110	2251	55		for reply within first month	
1. BASIC FILING FEE	1252	410	2252	205	Extension	for reply within second month	
Large Entity Small Entity	1253	930	2253	465	Extension	for reply within third month	
Fee Fee Fee Fee Code (\$) Fee Description Fee Paid	1254	1,450	2254	725	Extension	for reply within fourth month	
1001 770 2001 385 Utility filing fee 770.00	1255	1,970	2255	985	Extension	for reply within fifth month	
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of	Appeal	
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a br	ief in support of an appeal	
1004 750 2004 375 Reissue filing fee	1403	280	2403	140		or oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to	institute a public use proceeding	
SUBTOTAL (1) (\$) 770.00	1452	110	2452	55	Petition to	revive – unavoidable	
SUBTOTAL (1) (\$) 770.00	1453	1,300	2453	650	Petition to	revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300	2501	650	Utility issu	e fee (or reissue)	
Extra Fee from Claims below Fee Paid	1502	470	2502	235	Design iss	sue fee	
Total Claims 20 -20** = 0 x 0.00 = 0.00	1503	630	2503	315	Plant issu	e fee	
Independent 2 -3** = 0 x 0.00 = 0.00	1460	130	1460	130	Petitions t	o the Commissioner	
Claims 2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1807	50	1807	50		g fee under 37 CFR 1.17(q)	
Large Entity Small Entity	1806	180	1806	180	Submissio	on of Information Disclosure Stmt	
Fee Fee Fee Fee Fee Description	8021	40	8021	40		each patent assignment per	40.00
1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	Filing a su	times number of properties) bmission after final rejection	10.00
1201 84 2201 42 Independent claims in excess of 3	4040	750	2040		(37 CFR 1	additional invention to be	
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	examined	(37CFR 1.129(b))	
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375		or Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900		or expedited examination n application	
and over original patent	Other	fee (spe	cify)			• •	
SUBTOTAL (2) (\$) 0.00	*Red	uced by I	Basic Fil	ling Fee	Paid	· SUBTOTAL (3) (\$)	40.00
**or number previously paid, if greater, For Reissues, see above	1	•		-		. ,	

SUBMITTED BY Complete (if applicable)								
Name (Print/Type)	Barry E. Bretschneider	Registration No. (Attorney/Agent)	28,055	Telephone	(703) 760-7743			
Signature	Methitic			Date	February 9, 2004			

I hereby cer	tify that this c	orrespondence is be	ng hand d	delivered to	: Commiss	sioner for Pater	nts, 2011	South Clark
Place, Roon	n 1B03, Cryst	al Plaza 2, Arlington,	Yirginia,	22202, on 1	he date sh	own below.		

Dated: February 9, 2004 Signature: Cupe he Military

(Ayisha M. Roberts)